

WHAT IS CLAIMED IS:

1. A roll of a polyvinyl alcohol film obtained by winding up the polyvinyl alcohol film around a cylindrical core tube after forming the
5 film from a solution of a polyvinyl alcohol resin, wherein the cylindrical core tube is made of a metallic material and has a surface roughness of at most 100 S.

2. The roll of claim 1, wherein said cylindrical core tube has a
10 roundness of 0.01 to 1 mm and a cylindricity of 0.01 to 1 mm.

3. The roll of claim 1, wherein said cylindrical core tube has an outer diameter of 75 to 210 mm and a length of 0.5 to 4.0 m.

15 4. A polarizing film obtained from a polyvinyl alcohol film unwound from the roll of claim 1.